

PRODUCT DATA SHEET



Maratrac Black LT

Product Description

Maratrac Black with 3% Moly LT is an NLGI #1 Lithium Complex, Heavy-Duty Moly Grease, specially formulated for extreme protection in low temperatures. Benefits include improved water washout and rust resistance, as well as 100% higher EP protection versus the industry standard for heavy & shock loads. The 3% Moly concentration combats heavy loads (high Timken rating) and greatly reduces metal contact between opposing surfaces. It is ideal in agricultural, automotive, construction, and industrial settings, as well as ball & roller bearings, cams, splines, sliding surfaces, and fretting and oscillating conditions.

Features

- ➔ **Extreme Protection in Low Temperatures**
- ➔ **Outstanding Load Resistance**
3% Moly yields high Timken rating. EP protection 100% higher versus industry standard
- ➔ **Improved Water Resistance**
Dependable water washout and rust resistance
- ➔ **Lithium Complex Technology**
Advanced formulation provides lubricating film
- ➔ **Resists thinning in bearings**

Applications

- Automotive
- Agricultural
- Construction
- Industrial
- Ball & roller bearings
- Cams
- Splines
- Sliding surfaces
- Fretting & oscillating conditions

Operating Temperature Range, °F: 0 to 350

Intermittent up to, °F: 400

Dropping Point, °F: 500

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Maratrac Black LT (Typical Properties)

NLGI Grade	Method	1
Product Numbers	1669 (400 # drum), 1667 (40/14 oz)	
Penetration, mm/10 Worked 60 Strokes	ASTM D217	315
Dropping Point, °F (°C)	ASTM D566 or D2265	500 (260)
Thickener Type		Lithium Complex
Color	Visual	Black
Molybdenum %		3
Base Oil Viscosity, Kinematic cSt @ 40°C cSt @ 100°C	D445	320 29
Base Oil Viscosity Index	ASTM D2270	120
4-Ball EP Performance Weld Point, kgf Load Wear Index, kgf	ASTM D2596	400 40
Timken, OK Load, lb	ASTM D2509	70
4-Ball Wear, Scar Diameter, mm	ASTM D2266	0.51
Oxidation Stability, lb Loss / 100 hours	ASTM D942	3
Bearing rust protection, Rating	ASTM D1743	Pass
Copper Corrosion	ASTM D4048	1B

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